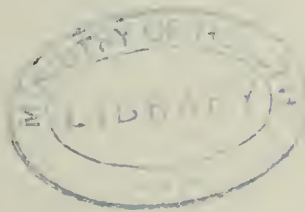


NANTYGLO & BLAINA
URBAN DISTRICT COUNCIL

R E P O R T
of the
MEDICAL OFFICER OF HEALTH
and
SENIOR SANITARY INSPECTOR
for the
YEAR 1951.



NANT: GLO & BLAINA URBAN DISTRICT COUNCIL, 1951.

Chairman Councillor W. Yemn, J.P. (to May 1951)
Councillor M. Thompson J.P. (from May 1951)

NORTH WARD Councillor W. Yeom, J.P.
" J.H. Durban.
" R. Gore.
" E.A. Hughes.
" D. James.

CENTRAL WARD Councillor D.G. Barnes.
" T. Rees.
" W.H. Silk.
" J. Jones.
" M. Thompson.

SOUTH WARD. Councillor A.J. Robins.
" F. Axford.
" W.H. Hambleton.
" B. Morgan.
" H. F. Griffiths.

PUBLIC HEALTH COMMITTEE.

Chairman - Councillor W.H. Silk (to May 1951)
Councillor B. Morgan (from May 1951)

and Members of the Council.

.....

Clerk of the Council - G. Roy Jenkins, LL.B.

Chief Financial Officer - E.J. Helt.

Engineer & Surveyor - W.W. Outhwaite, A.M.I.C.E., M.I.Mun.E.

PUBLIC HEALTH STAFF.

Medical Officer of Health - Dr. J. Walters Bowen.
M.B., B.Ch., B.Sc., D.P.H.

Senior Sanitary Inspector - F.D. Collier, M.R.San.I., M.S.I.A.

Additional Sanitary Inspector - J.P. Michael.

Rodent Officer - E.E. Wilkins.

NANTYGLO & BLAINA URBAN DISTRICT COUNCIL, 1951.

To the Chairman and Members of the
Health Committee.

I have the honour to present my Annual Report as
Medical Officer of Health for the year 1951.

The tables are self explanatory.

It will be seen that once again there have been no
cases of Diphtheria notified annually.

1941 - 17	1946 - 3	1951 - 0
1942 - 42	1947 - 0	
1943 - 7	1948 - 0	
1944 - 1	1949 - 0	
1945 - 0	1950 - 0	

These figures are proof of the efficacy of active
immunisation combined with general public health
measures. It is fervently hoped that similar results
will be obtained with B.C.G. vaccination in the case
of Tuberculosis.

The following information received from the Chest
Clinic, Pontllanfraith, shows the work carried out at
the Blaina & District Hospital, Nantyglo in respect of
Tuberculosis for the year ending 31st December, 1951.

Number of cases examined at the above hospital
(including home visits) i.e.
New cases seen during 1951. 432

Total number of cases seen at the above hospital
(including home visits) i.e.
Old and new cases seen during 1951. 934

Brynmawr, Llanclly Hill and Clydach patients also
attend at the above hospital and are included in the
above figures.

SECTION A.

Statistics and Social Conditions of The Area.

Area of District	3,862, acres.
Estimate of Population 1921	16,453
" " " 1931	13,190
" " " 1941	12,440
" " " 1945	11,410
" " " 1947	11,460
" " " 1948	11,410
" " " 1949	11,490
" " " 1950	11,500
" " " 1951	11,540

Number of Inhabited Houses 3,271

Rateable value of the District £34,120

Sum represented by a Penny Rate £116

Vital Statistics.

Number of Births 179

Legitimate Births	Boys 84	Girls 90
-------------------	---------	----------

Illegitimate Births	Boys 3	Girls 2
---------------------	--------	---------

Birth Rate per 1,000 of Population	15.7
" " " " " (Mon. County)	16.5
" " " " " (England & Wales)	15.5

Number of Still Births	Boys 5	Girls 2
Still Births per 1,000 of Population		0.6
" " " " " (Mon. County)		0.49
" " " " " (England & Wales)		0.36

Number of Deaths	Males 109	Females 72	181
Death Rate per 1,000 of Population			15.9
" " " " " (Mon. County)			13.38
" " " " " (England & Wales)			12.5



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I N Q U E S T S

There were 12 inquests during the year.

The circumstances of the deaths are analysed and are as follows:-

	<u>Male</u>	<u>Female</u>	<u>Total</u>
1. Accidents in the Colliery	1		1
2. Accidents on Railway Siding	1		1
3. Suicide		1	1
4. Various causes	3		3
5. Accidents	1	1	2
6. Extensive Burns	<u>2</u>	<u>2</u>	<u>4</u>
	<u>8</u>	<u>4</u>	<u>12</u>

NUMBER OF BIRTHS IN THE DISTRICT, SHOWING WARD

DISTRIBUTION AND MONTH OF OCCURRENCE.

<u>MONTH</u>	Male	Female	Total	Quar- terly Births	North	Cent.	South
JANUARY	6	5	11		5	3	3
FEBRUARY	6	8	14		7	4	3
MARCH	6	6	12	37	7	2	3
APRIL	5	10	15		7	4	4
MAY	3	6	9		5	4	-
JUNE	9	4	13	37	2	2	9
JULY	7	11	18		8	6	4
AUGUST	7	5	12		4	2	6
SEPT EMBER	6	7	13	43	7	2	4
OCTOBER	4	2	6		4	1	1
NOVEMBER	4	7	11		4	3	4
DECEMBER	4	4	8	25	3	3	2
TOTAL	67	75	142	142	63	36	43

The above table does not include births at the Blaina and District Hospital which are transferable to other areas.

<u>I</u>	<u>P</u>	<u>I</u>
E		I
A		I
I	I	
B		
R	I	I
<u>A</u>	I	I
<u>GI</u>	I	I

IT ALL
P...

...

	G			II	8	
		V				
		V	VI	II		
		V		II	I	B
						B
			VI			
				II	II	V
				II	d	V
		V	VI	II	V	
I	I				C	
	B			II	V	
		E		P		B
GI	I	VI	C. I	P. II	VI	V

...

DEATHS FROM ALL CAUSES DURING THE YEAR 1951.

DISEASE	MALES	FEMALES	TOTAL
Tuberculosis Respiratory	4	-	4
Whooping Cough		1	1
Malignant Neoplasm Stomach	3	1	4
Malignant neoplasm lung, bronchus	4	-	4
Malignant neoplasm breast	-	2	2
Malignant Neoplasm uterus	-	2	2
Other malignant & Lymphatic neoplasms.	5	6	11
Vascular lesions of nervous system.	7	8	15
Coronary disease angina	13	5	18
Hypertension with heart disease.	9	5	14
Other heart disease.	31	26	57
Other circulatory disease	2	2	4
Influenza	5	2	7
Pneumonia	5	-	5
Other diseases of respiratory system.	1	-	1
Bronchitis	8	2	10
Ulcer of stomach and duodenum	1	1	2
Nephritis	-	2	2
Hyperplasia of prostate	1	-	1
Congenital Malformations	2	-	2
Other defined and ill-defined diseases	4	3	7
All other accidents	4	3	7
Suicide	-	1	1
TOTAL	109	72	181

T A B L E

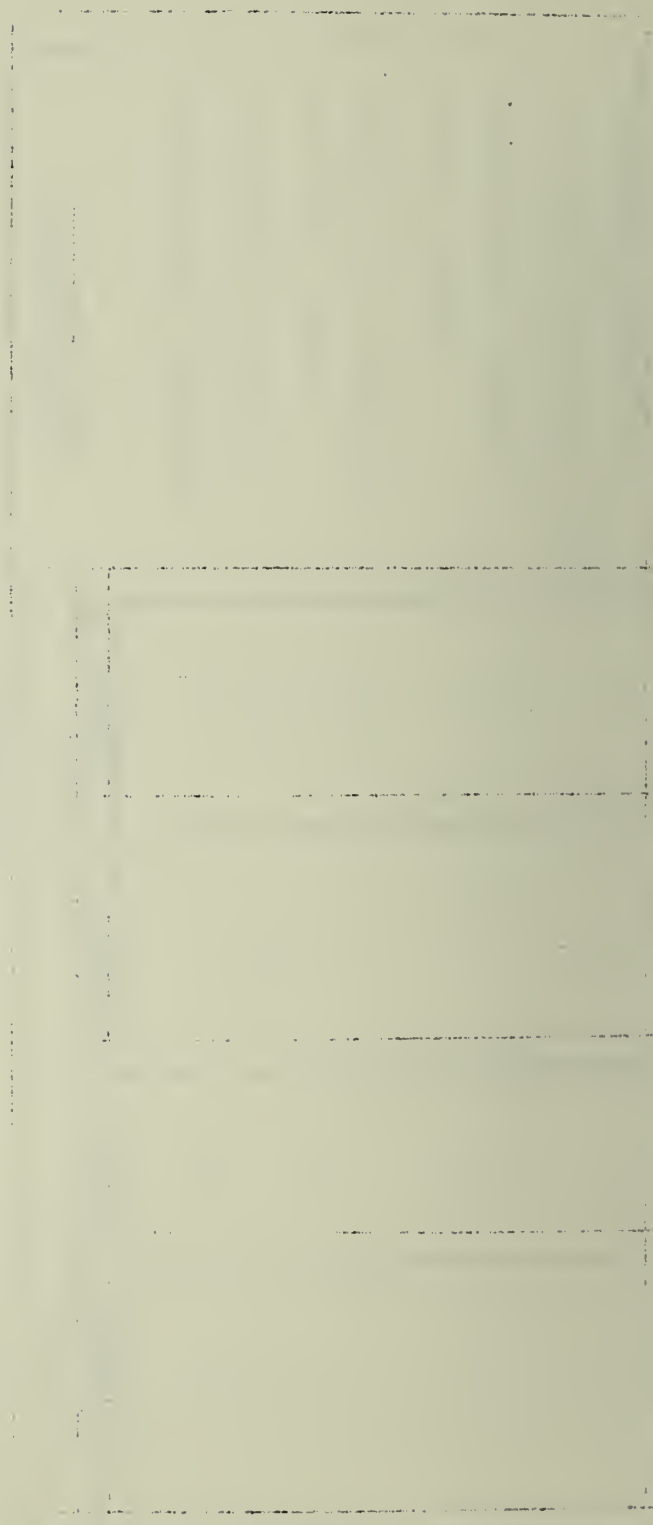
SHOWING MONTHLY NOTIFICATIONS OF TUBERCULOSIS (ALL FORMS) FOR THE YEAR 1951,

WITH WARD DISTRIBUTION.

MONTH OF YEAR	PULMONARY		NON-PULMONARY		TOTAL	N.	WARDS		S.
	MALES	FEMALES	MALES	FEMALES			G.		
JANUARY									
FEBRUARY	1	2			3	1	2		
MARCH	1	2			3	1	1		1
APRIL		1			1		1		
MAY	1				1	1			
JUNE	3	2			5	1	3		1
JULY		1			1		1		
AUGUST									
SEPTEMBER									
OCTOBER	1	1			2	1			1
NOVEMBER									
DECEMBER	2	1			3	1			2
TOTAL	9	10			19	6	8		5

T A B L E

<u>INSTITUTIONS.</u>	<u>ADMISSIONS</u>		<u>DISCHARGES</u>	
	<u>MALES</u>	<u>FEMALES</u>	<u>MALES</u>	<u>FEMALES</u>
North Wales Sanatorium	1		1	1
Cefn Mably Hospital	2	4		2
Glen Ely Hospital	2		3	
South Wales Sanatorium	1			
Sully Hospital			2	
T.B. Annexe Chepstow	2		2	
National Sanatorium Kent.		1		
Energlyn Hospital		1		
T O T A L	8	6	8	3



INFANTILE MORTALITY RATE.

	1951	1950	1949	1948	1947	1946	1945	1944	1943	1942	1941
NUMBER OF DEATHS UNDER 1 YR.	5	10	12	13	16	9	12	16	9	11	19
NUMBER OF BIRTHS	179	208	305	233	240	225	203	217	219	223	204
MORTALITY RATE	27.9	48.07	58.5	50.1	66.6	40.0	59.1	73.7	41.1	49.5	93.1

PARTICULARS OF DEATHS OF CHILDREN UNDER 1 YEAR

UNDER 1 WEEK	1	1 - 3 MONTHS	1
1 - 2 WEEKS		5 - 6 MONTHS	
2 - 3 WEEKS		6 - 9 MONTHS	2
3 - 4 WEEKS		9 - 12 MONTHS	1
TOTAL NUMBER OF BIRTHS	179	TOTAL NUMBER OF DEATHS	5

TOTAL UNDER
ONE YEAR. 5.

MORTALITY RATE PER 1,000 BIRTHS 27.9

DISEASE	ANALYSIS OF TOTAL CASES OF INFECTIOUS DISEASES ACCORDING TO AGE GROUPS.														DEATHS FROM INFECTIOUS CASES ACCORDING TO AGE GROUPS.													
	Under 1 year	1 - 2 years	2 - 3 years	3 - 4 years	4 - 5 years	5 - 10 years	10 - 15 years	15 - 20 years	20 - 35 years	35 - 45 years	45 - 65 years	65 and over	TOTAL	Under 1 year	1 - 2 years	2 - 3 years	3 - 4 years	4 - 5 years	5 - 10 years	10 - 15 years	15 - 20 years	20 - 35 years	35 - 45 years	45 - 65 years	65 and over	TOTAL	Number Admitted to Hospital.	
SCARLET FEVER	4	21	11	15	5	15	1	2					17		1													
MEASLES	8	12	11	10	12	8							61															
WHOOPING COUGH	2	2		1					1				14		1													
PNEUMONIA													4															
ERYSIPELAS													2															
PULMONARY TUBERCULOSIS													19		1													
TOTAL	14	35	26	30	21	26	2	8	9	1	9	8	189	1	2													

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes the need for transparency and accountability in financial reporting.

2. The second part of the document outlines the various methods used to collect and analyze data. It includes a detailed description of the sampling process and the statistical techniques employed to interpret the results.

3. The third part of the document presents the findings of the study. It shows that there is a significant correlation between the variables being studied, and it provides evidence to support the hypotheses.

4. The fourth part of the document discusses the implications of the findings for future research and practice. It suggests that the results of this study could be used to inform policy decisions and to guide the development of new programs and initiatives.

5. The fifth part of the document provides a conclusion and a summary of the key points. It reiterates the importance of the study and the need for further research in this area.

6. The sixth part of the document includes a list of references and a bibliography. It cites the works of other researchers in the field and provides information about the sources used in the study.

7. The seventh part of the document contains a list of appendices and a table of contents. It provides a detailed overview of the document's structure and the location of each section.

8. The eighth part of the document includes a list of figures and a list of tables. It provides a detailed description of each figure and table and explains how they are used to present the data.

9. The ninth part of the document contains a list of footnotes and a list of endnotes. It provides additional information about the study and the research process.

10. The tenth part of the document includes a list of acknowledgments and a list of contributors. It expresses gratitude to the individuals and organizations that supported the study and provided assistance throughout the research process.

ANALYSIS OF INFECTIOUS DISEASES ACCORDING TO WARDS
AND DISTRICTS.

DISEASE	WARDS				DISTRICTS		
	NORTH	CENTRAL	SOUTH	TOTAL	VALEYGIO	BLAINA	TOTAL
SCARLET FEVER	17	-	-	17	17	-	17
MEASLES	30	28	16	74	30	44	74
WHOOPING COUGH	46	7	8	61	46	15	61
PNEUMONIA	12	-	2	14	12	2	14
ERYSIPELAS	2	2	-	4	2	2	4
TOTALS	107	37	26	170	107	63	170

I must express satisfaction at the work carried out generally in the Nantyglo and Blaina Urban District Area during the period covered by these reports, and take this opportunity of thanking Members of Council, fellow Officials, and my Colleagues for generous co-operation.

I am Gentlemen,

Your obedient Servant,

J. WALTERS BOWEN.

SANITARY INSPECTORS ANNUAL REPORT.

To the Chairman and Members of the Nantyglo and Blaina Urban District Council,

Mr. Chairman & Gentlemen,

I have pleasure in presenting to you my Annual Report for the year ended December 31st, 1951.

Water Supply.

The water supply of this district is supplied by the Ebbw Vale District Council. The surface reservoir is situated at Llangynidr Mountain. The water is chlorinated and is filtered by slow sand filters.

The supply of water to some parts of the district is still not satisfactory. Each day the water has to be turned off in the lower part of the area to allow a supply to the upper part of the district.

At time of preparing this report, work has commenced on a scheme prepared by Sir Alexander Gibb and Partners. This scheme consists of renewal of most of the existing water mains and the construction of a service reservoir, and a break pressure tank.

- | | | | |
|-----|-----|--|--------|
| 1. | (a) | Number of houses supplied from public mains direct | |
| | | (approximate) | 3,259 |
| | (b) | By means of stand-pipes | 3 |
| 11. | | Approximate population supplied from public mains | 11,310 |

21 water samples from the main supply were taken for Bacteriological examination during the year. 11 were satisfactory and 10 unsatisfactory.

The unsatisfactory samples were due to Coliform bacteria of the non-faecal type. Copies of these reports were forwarded to the Ebbw Vale Local Authority.

SWIMMING BATH.

At present there are no publicly or privately owned swimming baths in the area.

During the summer months the ponds in the district are still used, in spite of the fact that they are dangerous and are quite unfit to be used as swimming pools.

DRAINAGE.

Drainage-Sewerage is on the water carriage system. The subsidiary sewers are connected up with the Western Valley (Mon) Main Trunk Sewer, which discharges into the sea at low water west of the mouth of the river Usk.

The sewers are in quite good condition, but there are a few lengths which should be relaid, due to insufficient gradient, such as portions of the sewer at Winchestown, Nantyglo and Surgery Rd., Blaina.

PUBLIC CLEANSING

Public Cleansing and refuse collection is controlled by the Council's Engineer & Surveyor.

Refuse is deposited at the Boot Tip site, Nantyglo and at the lower end of the Duffryn Park, Elaina.

Although there is a collection of refuse three times a week, householders in the area, despite warning, still deposit their refuse on open spaces near their homes. This, in my opinion, will not be remedied until there is more co-operation between all concerned, and each householder has a suitable covered dustbin for the storage of domestic refuse prior to collection.

The Council during the year spent considerable time in removing dumps of ashes which had been tipped on unauthorised sites.

INSPECTION OF MEAT AND OTHER FOODS.

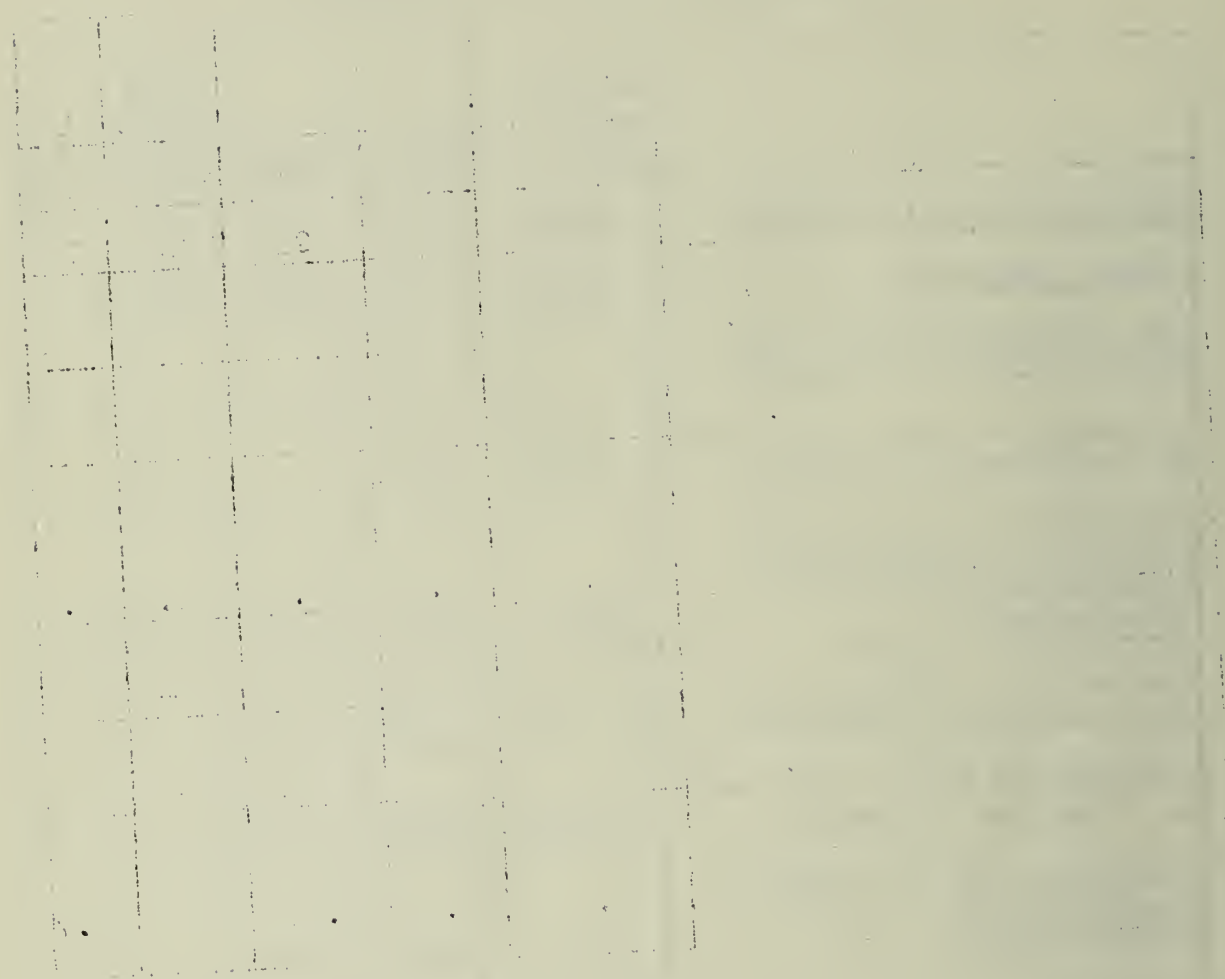
Meat Inspection

An additional Sanitary Inspector is employed by the Council on full-time meat inspection at the Brynmawr Ministry of Food Abattoir. Slaughtering at this abattoir is carried out for the Urban areas of Brynmawr, Blaenavon Nantyglo and Elaina, Abertillery and Abercarn.

The following table shows the number of animals slaughtered and inspected and the amount of meat and offal condemned.

CARCASSES INSPECTED AND CONDEMNED.

	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed (if known)	2646	866	911	16689	749
Number inspected	2646	866	911	16689	749
All diseased except T.B. Whole Carcasses condemned.	-	1	4	28	4
Carcasses of which some part or organ was condemned.	741	494	--	815	20
Percentage of the number inspected affected with disease other than Tuberculosis.	28.0	57.2	0.4	5.1	3.2
Tuberculosis only: Whole carcasses condemned.	7	12	2	-	3
Carcasses of which some part or organ was condemned.	173	212	1	-	25
Percentage of the number inspected affected with Tuberculosis.	6.8	25.9	0.30	-	3.7



H O U S I N G.

1. Inspection of Dwelling Houses during the year:

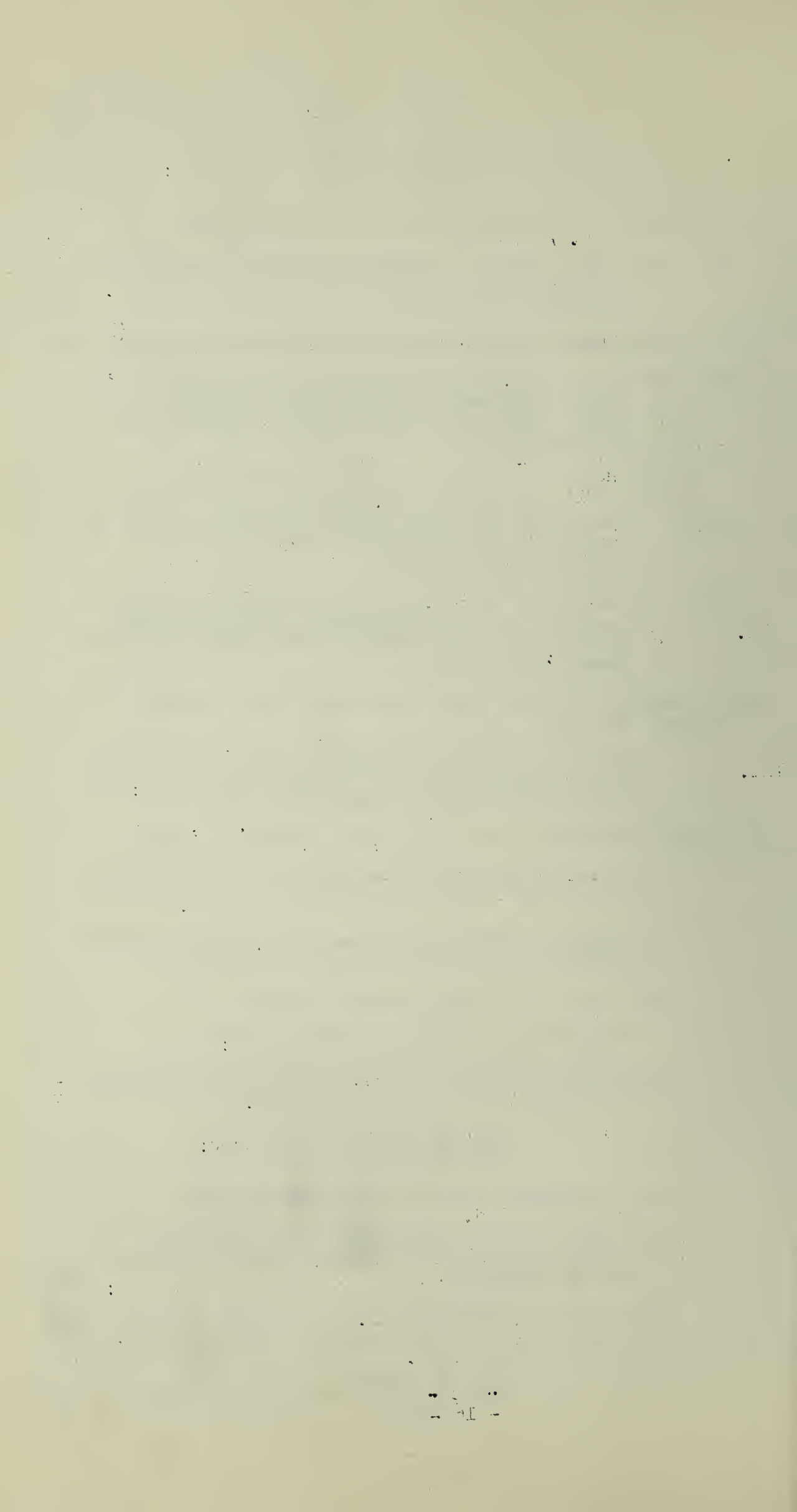
- | | | | |
|-----|-----|--|-----|
| (1) | (a) | Total number of dwelling houses inspected for housing defects (under Public Health and Housing Act 1936) | 191 |
| | (b) | Number of inspections made for the purpose. | 382 |
| (2) | (a) | Number of dwelling houses included under (1) above which were inspected and recorded under the Housing Consolidated Regulations, 1925-1932. | 4 |
| | (b) | Number of inspections made for the purpose. | 12 |
| (3) | | Number of dwellings found to be in a state so dangerous or injurious to health as to be unfit for habitation. | 4 |
| (4) | | Number of dwelling houses exclusive of those referred to under preceding sub-head found not to be in all respects reasonable fit for human habitation. | |

11. Remedy of defects during the year without service of formal notices:

Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their officers.	19
--	----

111. Action under the Statutory Powers during the year:

- | | | | |
|-----|---|--|-----|
| (a) | Proceedings under Sections 9, 10, 11, 12 and 16 of the Housing Act, 1936: | | |
| (1) | Number of dwelling houses in respect of which notices were served requiring repairs. | | |
| (2) | Number of Closing Orders served. | | |
| | Number of Demolition Orders served | | 2 |
| (3) | Number of dwelling houses which were rendered fit after service of formal notice: | | |
| | (a) By Owners. | | 1 |
| | (b) By Local Authority. | | Nil |
| (b) | Proceedings under Public Health Acts: | | |
| (1) | Number of dwelling houses in respect of which notices were served requiring defects to be remedied. | | 4 |
| (2) | Number of dwelling houses in which defects were remedied after service of formal notice: | | |
| | (a) By Owners. | | 4 |
| | (b) By the Authority in default of Owner. | | Nil |



The general housing position has not changed since my last annual report. This problem will not be solved until many more houses are built.

It is regrettable that although there are over five hundred applicants on the Council's waiting list, not one house was completed during the year.

Council Houses - Repairs and general maintenance to these properties are carried out by the Surveyor's department.

SHOPS ACT 1950.

No action has been found necessary during the year under provisions of the Shops Act 1950.

A part-time Shops Inspector officiates in the area.

MARINE STORES

There are four registered Marine Stores in the district. These are inspected periodically.

RAG FLOCK AND OTHER FILLING MATERIALS ACT 1951

The above regulations came into force on the 1st November, 1951.

No rag flock is made or sold in this area.

FACTORIES ACT 1937.

Number of Factories on Register December 1951	-	18
Number of Inspections.	-	42

WRITTEN NOTICES

(1) Want of cleanliness	-	Nil
(2) Insufficient sanitary conveniences	-	Nil

RODENT CONTROL

(Prevention of Damage by Pests Act 1949)

There is a full-time Rodent Officer employed in the Sanitary Inspectors Department. The table on the following page shows the work on rodent control carried out during the year.

PREVENTION OF DAMAGE BY PESTS ACT, 1949
REPORT FOR YEAR ENDED 31st DECEMBER, 1951.

	Type of Property.				Total
	Local Auth- ority.	Dwell- ing Houses.	Agri- cult- ural.	All other (including Business and Industrial	
1. Total number of properties in Local Authority's District (Notes 1 and 2)	12	3186	16	138	3352
2. Number of properties inspected by the Local Authority' during 1951 as a result (a) of notification or (b) otherwise (Notes 1,2 and 3)	(a) -	25	-	9	34
	(b) 12	740	30	127	909
3. Number of properties (under II) found to be seriously infested by rats (notes 1, 2 and 3)	Major -	-	-	-	-
	Minor 3	47	-	8	58
4. Number of properties (under II) found to be seriously infested by mice (Notes 1, 2 and 3)	-	46	-	7	53
5. Number of infested properties (under III and IV) treated by the Local Authority (Notes 1, 2 and 3).	3	93	-	15	111
6. Number of notices served under Section 4:-					
(1) Treatment	-	-	-	-	-
(2) Structural Works (I.e. Proofing)	-	-	-	-	-
Total	30	4137	46	304	4517
7. Number of cases in which default action was taken by Local Authority following issue of notice under Section 4.	-	-	-	-	-
8. Legal Proceedings (see overleaf)	-	-	-	-	-
9. Number of "block" control schemes carried out					

[illegible]

MILK SUPPLY.

MILK AND DAIRIES REGULATIONS 1947.

- (a) Number of persons registered as milk distributors 10
- (b) Number of dealers' issued authorising the use of special designation, "Pasteurised" 2
- (c) Number of dealers' licences issued authorising the use of special designation, "Pasteurised" (Tuberculin Tested) 7
- (d) Number of dealers in area distributing ungraded milk. 1

The greatest portion of the milk is imported into the district by means of road and rail transport. Most of the milk is now distributed in bottles.

The following milk samples were taken during the year:

	Pasteurised (Tuberculin Tested)	Ungraded	Total
No. of Samples taken	46	1	47
Satisfactory	40	1	41
Unsatisfactory	6	-	6

ICE CREAM (HEAT TREATMENT)

REGULATIONS, 1947.

There are in this area Twenty premises registered for the sale or manufacture of Ice Cream.

They are as follows:

1. Manufacture and sale:

Heat Treatment 1
Complete cold mix 1

2. Premises registered for the

Sale of Ice Cream 18

Total 20

With the exception of the two local manufacturers, all Ice Cream is imported into the district, and is pre-packed.

During the year 24 samples were taken; the results were as follows:

Number of Samples taken	Grade 1	Grade 2	Grade 3	Grade 4
24	12	11	1	-

SLAUGHTER OF ANIMALS ACT 1933.

At present there are five persons in the district housing slaughtering Licences under the above act.

Other foods condemned included the following:-

3 tins Pork Brawn; 62 tins Luncheon Meat; 4 tins Meat Loaf; 7 tins Beef Steak; 453 tins Tomatoes; 80 tins Peas; 9 tins Pilchards; 6 tins Herrings; 5 tins Grapefruit juice; 17 tins Pears; 66 tins Plums; 1 tin Crawfish; 23 tins Ham; 107 tins Milk; 52 tins Beans; 1 tin Pudding; 2 jars Pickles; 1 pot of Jam; 1 tin Salmon; 12 tins Apple Pure; 7 tins Beetroot; 2 tins Sausage; 10 tins Peaches; 3 tins Rabbit; 2 tins Sardines; 1 tin Jamons; 46 tins Greengages; 1 tin Strawberries; 1 tin Blackcurrants; 2 tins Raspberries; 4 tins Tongue; 50 lbs Butter; 40 lbs. Prunes; 36 packets cake mixture; 21 lbs Beef Meat; 11 lbs cheese and 13 boxes; 5 stone of Hake; 6 lbs Luncheon Meat; 4 lbs jellied Veal; 11 lbs Wafer Biscuits; 15 lbs Madeira cake; 44 lbs Sausage; 16 packets of Bisto; 32 lbs Cocoanut; 24 Swiss Rolls; 2 tins Orange juice.

INSPECTION AND SUPERVISION OF

FOOD PREMISES AND LICENCED PREMISES.

Periodic visits are paid to Fried Fish Shops, Bakehouses, Butchers shops, Food Preparing premises, Licenced premises and Provision Stores.

In concluding this report, I would like to thank all members of the staff for their valuable assistance and co-operation throughout the year.

I am,
Mr. Chairman & Gentlemen,

Yours obediently,

F.D. COLLIER.

Senior Sanitary Inspector.

